



Web-Enablement Technology for Legacy Mainframe Applications

To drive digital transformation while delivering optimal customer service, leading enterprises must enable their legacy applications and data to work seamlessly with modern web applications.

From modern terminal emulation to complex integration of legacy applications, Virtel Web Suite (VWS) is a comprehensive set of web-enablement solutions that securely serve host legacy applications such as CICS, IMS, Natural or TSO as web pages or web services over TCP/IP connections.

It provides a high-value, low-risk solution to modernize and optimize your most critical business applications and is faster and more cost-effective than redeveloping, replacing or re-hosting.

KEY FEATURES

- Serves 3270 transactions as web pages or web services
- Installation, administration and support are centralized with the host
- Nothing to install or support outside the host: no applets, plugins, or middle-tier servers
- Instant deployment: point web browsers to a predefined URL
- Works with any browser, platform or device including BYOD mobile phones, tablets, and Apple products
- Concurrently serves different presentations to different users (3270 TE, WUI/GUI, mobile UI)
- Supports any protocol and format: RESTful, XML, JSON, SOAP, MQ Series, etc.
- Low impact and low risk: no application or server change
- High performance and small host footprint for highly scalable solutions.

Virtel Web Access

VWA is a thin-client, browser-based 3270 Terminal Emulator that serves 3270 screens as HTML web pages over secure IP connections, while retaining the familiar 3270 screen user interface.

- Nothing to install outside the host, which greatly reduces support
- Instant deployment: simply point client web browsers to the predefined URL
- Works with any browser, any platform and any mobile device
- No need for plugins, applets or complex configuration requirements
- Recommended for BYOD, VDI, and Disaster Recovery initiatives.

Virtel Web Modernization

VWM serves host transactions as user-friendly web pages (GUIs), resulting in improved workflow and user experience to improve the productivity of business users.

- Assisted data entry: check boxes, drop-down lists, graphical calendars, and more
- New Ajax-based application features: auto-suggest, auto-complete, PDF generation, email
- New layout and workflow: screen consolidation, tab navigation, collapsible sections
- Serves different presentations to different users concurrently (3270 TE, WUI/GUI, mobile UI).

Virtel Web Integration

VWI enables flexible, highly secure integration of legacy and web applications by exposing them as web services. VWI creates interactive, bidirectional connections that integrate host and server applications such as RESTful XML or JSON over HTTP, SOAP, and MQ message services that consume 3270 or remote transactions.

Virtel Architecture

VWS is designed to be efficient, secure, and cost-effective:

- Shorter instruction paths result in superior performance, efficiency, and scalability
- Fewer components or layers result in simpler and stronger connections
- Strict use of open standards results in increased solutions longevity.

Virtel is an agile middleware that connects host applications to the web. Virtel converts host application data into rich web pages and standardized web services. It interfaces with:

- Host applications via their 3270 screens or COMMAREA
- The web via HTTP/S, SMTP, or custom IP connections.

If you are interested in learning more, please visit our website and request a demo at insoft-infotel.com/request-a-virtel-demo



Virtel is a registered trademark of SysperTec Communication.

Insoft Infotel Software GmbH

Sternstr. 9-11 • 40479 Düsseldorf • Germany
+49 211 44 03 16 6